

ABSTRACT

An apparatus for assembling a swash plate with pistons in a swash plate compressor of the present invention can automatically assemble the swash plate with double or single head pistons and shoes thereby improving workability and productivity. In the assembling apparatus, each of the pistons includes a swash plate-receiving section for receiving a pair of opposed shoes therein and having an insert groove for receiving the swash plate mounted on a rotational shaft and a piston body to be inserted into a cylinder bore of a cylinder block so that the swash plate is inserted into the insert grooves of the pistons. The assembling apparatus comprises a base plate, piston-loading means, piston-shifting means and rotating means.